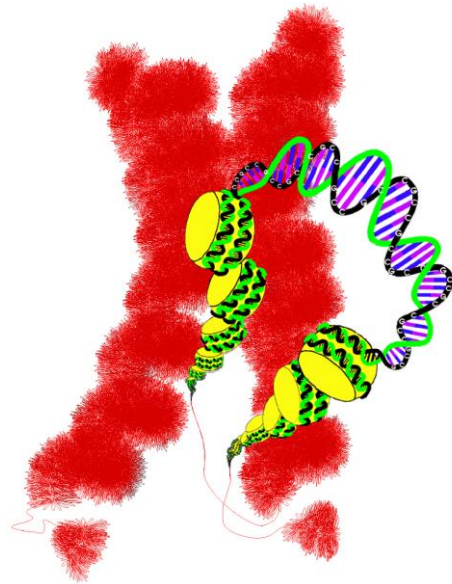


The 9th International Conference on

“Unstable Microsatellites & Human Disease”

April 21st – 26th, 2018.

www.microsatellites.ca



The meeting will take place on the **island of Capri, Italy, just off the coast of Naples.** This is a historically-rich (dating back to the Bronze Age) and diverse site located between the Gulf of Naples and the Tyrrhenian Sea – proximal to Mount Vesuvius, Pompeii and the buried city of Herculaneum. It offers opportunities for nature walks, hikes, snorkeling, caving, sightseeing, fresh air, great food and of course wine tasting. To promote informal contacts and stimulate group activities during the (few) spare hours, we would like to host all participants in the same onsite hotel, La Palma. Due to space limitations, we have placed a required reservation for shared rooms for this meeting. Lodging will be limited primarily for meeting attendees, with some space for guests.

Please note that we expect participants to arrive Saturday April 21st (on-site registration will be open during the day). The program will begin in the evening of the arrival day, and conclude with lunch at 12 noon on Thursday, April 26th. Posters will be displayed throughout the meeting. More details about the program, travel, accommodations, abstract submission, and registration fees will be available at: www.microsatellites.ca. Please mark these dates in your 2018 agendas now!

This is the premier meeting focusing upon the genotype- phenotype and molecular disease aspects relating to micro-, mini- and megasatellite repeats. The program will include sessions (with main speakers), workshops, and poster presentations on the:

- *Role(s) of DNA replication, repair, recombination, or transcription on repeat instability in flies, worms, mice, cells, tissues and man;*
- *Meiotic and mitotic repeat instability and tissue/cellular specificity of instability;*
- *Contribution(s) of sequence/chromosomal context to repeat stability and pathogenesis;*
- *Epigenetic involvement in repeat instability and pathogenesis;*
- *Repeat binding proteins at the DNA and RNA level;*
- *Role(s) of bi-directional transcription in neurodevelopment, neurodegeneration and disease;*
- *Roles of aberrant translation in neurodevelopment, neurodegeneration and disease;*
- *Molecular processes underlying disorders such as FRAXA/E FXTAS syndromes, myotonic dystrophies 1 and 2, Huntington's and Kennedy's Disease, Friedreich's ataxia, spinocerebellar ataxia types 1, 2, 3, 6, 7, 8, 10, 12, 17, 31, 36, and 37, dentatorubral-pallidolusian atrophy (DRPLA), EPM1, and FSHD;*
- *Pathogenesis by polyglutamine, polyalanine, toxic-RNAs, RAN-translation, and micro-RNAs;*
- *Treatment possibilities, therapeutic modalities, clinical trials, and the use of molecular, animal and cellular model systems.*

For further information please visit the meeting web site: www.microsatellites.ca or send an Email to one of the organizers:

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2018 Invited Speakers include:

Tetsuo Ashizawa – Houston Methodist, Dallas, Texas, USA
Yves Barral – Institute of Biochemistry, ETH, Zurich, Switzerland
Don W. Cleveland – University of California, San Diego, California, USA
Beverly L. Davidson – Children’s Hospital of Philadelphia, Philadelphia, Pennsylvania, USA
Sherif El-Khamisy - University of Sheffield, Sheffield, England, UK
Aaron D. Gitler – Stanford University, Palo Alto, California, USA
Joel Gottesfeld – Scripps Research Institute, San Diego, California, USA (tentative)
Karl Herrup – Hong Kong University of Science and Technology, Hong Kong, China
Kinya Ishikawa – University of Tokyo, Tokyo, Japan
Lesley Jones – Cardiff University, Wales, UK
Maria Giuseppina Miano – Institute of Genetics and Biophysics, Naples, Italy
Darren G. Monckton – University of Glasgow, Scotland, UK
Harry T. Orr – University of Minnesota, Minneapolis, Minnesota, USA
Christopher E. Pearson – Hospital for Sick Children, Toronto, Canada
Laura P.W. Ranum University of Florida, Gainesville, Florida, USA
Ekatarina Rogeva – University of Toronto, Toronto, Canada
Jeff D. Rothstein – Johns Hopkins University, Baltimore, Maryland, USA
Maurice S. Swanson – University of Florida, Gainesville, Florida, USA
J. Paul Taylor – St. Jude Children’s Research Hospital, Memphis, Tennessee, USA
Peter K. Todd – University of Michigan, Ann Arbor, Michigan, USA
Ronald D. Vale – University of California, San Francisco, California, USA
Eric T. Wang - University of Florida, Gainesville, Florida, USA
Vanessa C. Wheeler – Massachusetts General Hospital, Harvard, Boston, Massachusetts, USA

In addition, approximately 20-25 Workshop presentations will be selected from submitted poster abstracts.